

Serial Number: 09/310,685

CRF Processing Date: 6/16/2003

Edited by: Verified by:

(STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: P#30
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as
- ☐ Inserted mandatory headings, specifically:
- ☐ Corrected an obvious error in the response, specifically:
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:
- ☐ Other:

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



1600

RAW SEQUENCE LISTING

DATE: 06/16/2003

PATENT APPLICATION: US/09/310,685

TIME: 14:00:39

Input Set : N:\AMC\310685.txt

Output Set: N:\CRF4\06162003\I310685.raw

3 <110> APPLICANT: Lamb, Jonathan R
 4 Dallman, Margaret J
 5 Hoyne, Gerard F
 7 <120> TITLE OF INVENTION: Notch
 9 <130> FILE REFERENCE: 674525-2001
 11 <140> CURRENT APPLICATION NUMBER: 09/310,685
 12 <141> CURRENT FILING DATE: 1999-05-04
 14 <150> PRIOR APPLICATION NUMBER: GB 9623236.8
 15 <151> PRIOR FILING DATE: 1996-11-07
 17 <150> PRIOR APPLICATION NUMBER: GB 9715674.9
 18 <151> PRIOR FILING DATE: 1997-07-24
 20 <150> PRIOR APPLICATION NUMBER: GB 9719350.2
 21 <151> PRIOR FILING DATE: 1997-09-11
 23 <150> PRIOR APPLICATION NUMBER: PCT/GB97/03058
 24 <151> PRIOR FILING DATE: 1997-11-06
 26 <160> NUMBER OF SEQ ID NOS: 32
 28 <170> SOFTWARE: PatentIn version 3.2
 30 <210> SEQ ID NO: 1
 31 <211> LENGTH: 2892
 32 <212> TYPE: DNA
 33 <213> ORGANISM: Drosophila sp.
 35 <400> SEQUENCE: 1

36 gaattcggag gaattattca aaacataaac acaataaaca atttgagtag ttgccgcaca 60
 38 cacacacaca cacagcccgt ggattattac actaaaagcg acactcaatc caaaaaatca 120
 40 gcaacaaaaa catcaataaa catgcattgg attaaatgtt tattaacagc attcatttgc 180
 42 ttcacagtca tcgtgcagggt tcacagttcc ggcagctttg agttgcgcct gaagtacttc 240
 44 agcaacgatc acggggcggga caacgagggt cgctgctgca gcggggagtc ggacggagcg 300
 46 acgggcaagt gcctgggcag ctgcaagacg cggtttcgcy tctgcctaaa gcactaccag 360
 48 gccaccatcg acaccacctc ccagtgcacc tacggggagc tgatcacgcc cattctcggc 420
 50 gagaactcgg tcaatctgac cgacgcccag cgcttccaga acaagggctt cacgaatccc 480
 52 atccagttcc ccttctcggt ctcatggcgg ggtaccttct cgctgatcgt cgaggcctgg 540
 54 catgatacga acaatagcgg caatgcgcga accaacaagc tcctcatcca gcgactcttg 600
 56 gtgcagcagg tactggagggt gtccctccgaa tgggaagacga acaagtcgga atcgcagtac 660
 58 acgtcgctgg agtaagattt ccgtgtcacc tgcgatctca actactacgg atccggctgt 720
 60 gccaaattct gccggccccg cgacgattca tttggacact cgacttgctc ggagacgggc 780
 62 gaaattatct gtttgaccgg atggcagggc gattactgtc acatacccaa atgcgccaaa 840
 64 ggctgtgaac atggacattg cgacaaacgc aatcaatgcg tttgccaact gggctggaag 900
 66 ggagccttgt gcaacgagtg cgttctggaa ccgaactgca tccatggcac ctgcaacaaa 960
 68 ccctggactt gcatctgcaa cgagggttgg ggaggcttgt actgcaacca ggatctgaac 1020
 70 tactgcacca accacagacc ctgcaagaat ggcggaacct gcttcaacac cggcgaggga 1080
 72 ttgtacacat gcaaatgcgc tccaggatac agtgggtgat attgcgaaaa tgagatctac 1140
 74 tcctgcgatg ccgatgtcaa tccctgccag aatgggtgga cctgcatcga tgagccgcac 1200
 76 acaaaaaccg gctacaagtg tcattgcgcc aacggctgga gcggaaagat gtgcgaggag 1260

RAW SEQUENCE LISTING

DATE: 06/16/2003

PATENT APPLICATION: US/09/310,685

TIME: 14:00:39

Input Set : N:\AMC\310685.txt

Output Set: N:\CRF4\06162003\I310685.raw

```

78 aaagtgtctca cgtgttcgga caaacctgt catcagggaa tctgccgcaa cgttcgtcct 1320
80 ggcttgggaa gcaagggtca gggctaccag tgcgaatgtc ccattggcta cagcggaccc 1380
82 aactgcgatc tccagctgga caactgcagt ccgaatccat gcataaacgg tggaagctgt 1440
84 cagccgagcg gaaagtgtat ttgccagcg ggattttcgg gaacgagatg cgagaccaac 1500
86 attgacgatt gtcttgcca ccagtgcgag aacggaggca cctgcataga tatggtcaac 1560
88 caatatcgct gccaatgcgt tcccggtttc catggcacc cctgtagtag caaagttgac 1620
90 ttgtgectca tcagaccgtg tgccaatgga ggaacctgct tgaatctcaa caacgattac 1680
92 cagtgcacct gtcgtgcggg atttactggc aaggattgct ctgtggacat cgatgagtgc 1740
94 agcagtgga cctgtcataa cggcggcact tgcgatgaacc gcgtcaattc gttcgaatgc 1800
96 gtgtgtgcca atggtttcag gggcaagcag tgcgatgagg agtcctacga ttcggtgacc 1860
98 ttcgatgccc accaatatgg agcgaccaca caagcgagag ccgatggttt gaccaatgcc 1920
100 caggtagtcc taattgctgt tttctccgtt gcgatgcctt tgggtggcggg tattgcggcg 1980
102 tgcgtggtct tctgcatgaa gcgcaagcgt aagcgtgctc aggaaaagga cgacgcggag 2040
104 gccaggaagc agaacgaaca gaatgcggtg gccacaatgc atcacaatgg cagtgggggtg 2100
106 ggtgtagctt tggcttcagc ctctctgggc ggcaaaactg gcagcaacag cgtctcacc 2160
108 ttcgatggcg gcaacccgaa tatcatcaaa aacacctggg acaagtcggt caacaacatt 2220
110 tgtgectcag cagcagcagc ggcggcgcg gcagcagcgg cggacgagtg tctcatgtac 2280
112 ggcgatatg tggcctcggg ggcggataac aacaatgcca actcatactt ttgtgtggct 2340
114 ccgtacaaa gagccaagtc gcaaaagcaa ctcaacaccg atcccacgct catgcaccgc 2400
116 ggttcgccg caggcagctc agccaaggga gcgtctggcg gaggaccggg agcggcgagg 2460
118 ggcaagagga tctctgtttt aggcgagggt tcctactgta gccagcggtg gccctcgtt 2520
120 gcggcgcgcg gagtggccgg agcctgttca tccagctaa tggctgcagc ttcggcagcg 2580
122 ggcagcgagg cggggacggc gcaacagcag cgatccgtgg tctgcggcac tccgcatatg 2640
124 taactccaaa aatccggaag ggctcctggt aaatccggag aaatccgcat ggaggagctg 2700
126 acagcacata cacaagaaa agactgggtt gggttcaaaa tgtgagagag acgccaaaat 2760
128 gttgtgttg attgaagcag tttagtctgc acgaaaaatg aaaaatctgt aacaggcata 2820
130 actcgtaaac tccctaaaaa atttgtatag taattagcaa agctgtgacc cagccgtttc 2880
132 gatccgaat tc 2892
135 <210> SEQ ID NO: 2
136 <211> LENGTH: 833
137 <212> TYPE: PRT
138 <213> ORGANISM: Drosophila sp.
140 <400> SEQUENCE: 2
142 Met His Trp Ile Lys Cys Leu Leu Thr Ala Phe Ile Cys Phe Thr Val
143 1 5 10 15
146 Ile Val Gln Val His Ser Ser Gly Ser Phe Glu Leu Arg Leu Lys Tyr
147 20 25 30
150 Phe Ser Asn Asp His Gly Arg Asp Asn Glu Gly Arg Cys Cys Ser Gly
151 35 40 45
154 Glu Ser Asp Gly Ala Thr Gly Lys Cys Leu Gly Ser Cys Lys Thr Arg
155 50 55 60
158 Phe Arg Val Cys Leu Lys His Tyr Gln Ala Thr Ile Asp Thr Thr Ser
159 65 70 75 80
162 Gln Cys Thr Tyr Gly Asp Val Ile Thr Pro Ile Leu Gly Glu Asn Ser
163 85 90 95
166 Val Asn Leu Thr Asp Ala Gln Arg Phe Gln Asn Lys Gly Phe Thr Asn
167 100 105 110
170 Pro Ile Gln Phe Pro Phe Ser Phe Ser Trp Pro Gly Thr Phe Ser Leu
171 115 120 125

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/310,685

DATE: 06/16/2003

TIME: 14:00:39

Input Set : N:\AMC\310685.txt

Output Set: N:\CRF4\06162003\I310685.raw

```

174 Ile Val Glu Ala Trp His Asp Thr Asn Asn Ser Gly Asn Ala Arg Thr
175      130      135      140
178 Asn Lys Leu Leu Ile Gln Arg Leu Leu Val Gln Gln Val Leu Glu Val
179 145      150      155      160
182 Ser Ser Glu Trp Lys Thr Asn Lys Ser Glu Ser Gln Tyr Thr Ser Leu
183      165      170      175
186 Glu Tyr Asp Phe Arg Val Thr Cys Asp Leu Asn Tyr Tyr Gly Ser Gly
187      180      185      190
190 Cys Ala Lys Phe Cys Arg Pro Arg Asp Asp Ser Phe Gly His Ser Thr
191      195      200      205
194 Cys Ser Glu Thr Gly Glu Ile Ile Cys Leu Thr Gly Trp Gln Gly Asp
195      210      215      220
198 Tyr Cys His Ile Pro Lys Cys Ala Lys Gly Cys Glu His Gly His Cys
199 225      230      235      240
202 Asp Lys Arg Asn Gln Cys Val Cys Gln Leu Gly Trp Lys Gly Ala Leu
203      245      250      255
206 Cys Asn Glu Cys Val Leu Glu Pro Asn Cys Ile His Gly Thr Cys Asn
207      260      265      270
210 Lys Pro Trp Thr Cys Ile Cys Asn Glu Gly Trp Gly Gly Leu Tyr Cys
211      275      280      285
214 Asn Gln Asp Leu Asn Tyr Cys Thr Asn His Arg Pro Cys Lys Asn Gly
215      290      295      300
218 Gly Thr Cys Phe Asn Thr Gly Glu Gly Leu Tyr Thr Cys Lys Cys Ala
219 305      310      315      320
222 Pro Gly Tyr Ser Gly Asp Asp Cys Glu Asn Glu Ile Tyr Ser Cys Asp
223      325      330      335
226 Ala Asp Val Asn Pro Cys Gln Asn Gly Gly Thr Cys Ile Asp Glu Pro
227      340      345      350
230 His Thr Lys Thr Gly Tyr Lys Cys His Cys Ala Asn Gly Trp Ser Gly
231      355      360      365
234 Lys Met Cys Glu Glu Lys Val Leu Thr Cys Ser Asp Lys Pro Cys His
235      370      375      380
238 Gln Gly Ile Cys Arg Asn Val Arg Pro Gly Leu Gly Ser Lys Gly Gln
239 385      390      395      400
242 Gly Tyr Gln Cys Glu Cys Pro Ile Gly Tyr Ser Gly Pro Asn Cys Asp
243      405      410      415
246 Leu Gln Leu Asp Asn Cys Ser Pro Asn Pro Cys Ile Asn Gly Gly Ser
247      420      425      430
250 Cys Gln Pro Ser Gly Lys Cys Ile Cys Pro Ala Gly Phe Ser Gly Thr
251      435      440      445
254 Arg Cys Glu Thr Asn Ile Asp Asp Cys Leu Gly His Gln Cys Glu Asn
255      450      455      460
258 Gly Gly Thr Cys Ile Asp Met Val Asn Gln Tyr Arg Cys Gln Cys Val
259 465      470      475      480
262 Pro Gly Phe His Gly Thr His Cys Ser Ser Lys Val Asp Leu Cys Leu
263      485      490      495
266 Ile Arg Pro Cys Ala Asn Gly Gly Thr Cys Leu Asn Leu Asn Asn Asp
267      500      505      510
270 Tyr Gln Cys Thr Cys Arg Ala Gly Phe Thr Gly Lys Asp Cys Ser Val

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/310,685

DATE: 06/16/2003

TIME: 14:00:39

Input Set : N:\AMC\310685.txt

Output Set: N:\CRF4\06162003\I310685.raw

```

271          515          520          525
274 Asp Ile Asp Glu Cys Ser Ser Gly Pro Cys His Asn Gly Gly Thr Cys
275          530          535          540
278 Met Asn Arg Val Asn Ser Phe Glu Cys Val Cys Ala Asn Gly Phe Arg
279 545          550          555          560
282 Gly Lys Gln Cys Asp Glu Glu Ser Tyr Asp Ser Val Thr Phe Asp Ala
283          565          570          575
286 His Gln Tyr Gly Ala Thr Thr Gln Ala Arg Ala Asp Gly Leu Thr Asn
287          580          585          590
290 Ala Gln Val Val Leu Ile Ala Val Phe Ser Val Ala Met Pro Leu Val
291          595          600          605
294 Ala Val Ile Ala Ala Cys Val Val Phe Cys Met Lys Arg Lys Arg Lys
295          610          615          620
298 Arg Ala Gln Glu Lys Asp Asp Ala Glu Ala Arg Lys Gln Asn Glu Gln
299 625          630          635          640
302 Asn Ala Val Ala Thr Met His His Asn Gly Ser Gly Val Gly Val Ala
303          645          650          655
306 Leu Ala Ser Ala Ser Leu Gly Gly Lys Thr Gly Ser Asn Ser Gly Leu
307          660          665          670
310 Thr Phe Asp Gly Gly Asn Pro Asn Ile Ile Lys Asn Thr Trp Asp Lys
311          675          680          685
314 Ser Val Asn Asn Ile Cys Ala Ser Ala Ala Ala Ala Ala Ala Ala
315          690          695          700
318 Ala Ala Ala Asp Glu Cys Leu Met Tyr Gly Gly Tyr Val Ala Ser Val
319 705          710          715          720
322 Ala Asp Asn Asn Asn Ala Asn Ser Tyr Phe Cys Val Ala Pro Leu Gln
323          725          730          735
326 Arg Ala Lys Ser Gln Lys Gln Leu Asn Thr Asp Pro Thr Leu Met His
327          740          745          750
330 Arg Gly Ser Pro Ala Gly Ser Ser Ala Lys Gly Ala Ser Gly Gly Gly
331          755          760          765
334 Pro Gly Ala Ala Glu Gly Lys Arg Ile Ser Val Leu Gly Glu Gly Ser
335          770          775          780
338 Tyr Cys Ser Gln Arg Trp Pro Ser Leu Ala Ala Gly Val Ala Gly
339 785          790          795          800
342 Ala Cys Ser Ser Gln Leu Met Ala Ala Ala Ser Ala Ala Gly Ser Gly
343          805          810          815
346 Ala Gly Thr Ala Gln Gln Gln Arg Ser Val Val Cys Gly Thr Pro His
347          820          825          830
350 Met
354 <210> SEQ ID NO: 3
355 <211> LENGTH: 6464
356 <212> TYPE: DNA
357 <213> ORGANISM: Homo sapiens
359 <400> SEQUENCE: 3
360 gaattcccct cccccctttt tccatgcagc tgatctaaaa gggaataaaa ggctgcgcat      60
362 aatcataata ataaaagaag gggagcgcgga gagaaggaaa gaaagccggg aggtggaaga      120
364 ggagggggag cgtctcaaag aagcgatcag aataataaaa ggaggccggg ctctttgcct      180
366 tctggaacgg gccgctcttg aaagggtttt tgaaaagtgg tgttgttttc cagtcgtgca      240

```

RAW SEQUENCE LISTING

DATE: 06/16/2003

PATENT APPLICATION: US/09/310,685

TIME: 14:00:39

Input Set : N:\AMC\310685.txt

Output Set: N:\CRF4\06162003\I310685.raw

```

368 tgctccaatc ggcggagtat attagagccg ggacgcggcc gcaggggcag cggcgacggc 300
370 agcaccggcg gcagcaccag cgcgaacagc agcggcgggc tcccagagtgc ccgcggcggc 360
372 gcgcgcagcg atgcgttccc cacggacacg cggccgggtcc gggcgcccc taagcctcct 420
374 gctcgccctg ctctgtgccc tgcgagccaa ggtgtgtggg gcctcggttc agttcgagtt 480
376 ggagatcctg tccatgcaga acgtgaacgg ggagctgcag aacgggaact gctgcggcgg 540
378 cgcccggaac ccgggagacc gcaagtgcac ccgcgacgag tgtgacacat acttcaaagt 600
380 gtgcctcaag gagtatcagt cccgcgtcac ggccgggggg ccctgcagct tcggctcagg 660
382 gtccacgcct gtcacggggg gcaacacctt caacctcaag gccagccgcg gcaacgaccc 720
384 gaaccgcacg gtgctgcctt tcagtttcgc ctggccgagg tcctatacgt tgcttgtgga 780
386 ggcgtgggat tccagtaatg acaccgttca acctgacagt attattgaaa aggccttctca 840
388 ctcgggcatg atcaacccca gccggcagtg gcagacgctg aagcagaaca cgggcgttgc 900
390 ccactttgag tatcagatcc gcgtgacctg tgatgactac tactatggct ttggctgtaa 960
392 taagttctgc cgccccagag atgacttctt tggacactat gcctgtgacc agaattggaa 1020
394 caaaacttgc atggaaggct ggatgggccc cgaatgtaac agagctatit gccgacaagg 1080
396 ctgcagtcct aagcatgggt cttgcaaaact cccaggtgac tgcaggtgcc agtacggctg 1140
398 gcaaggcctg tactgtgata agtgcacccc acaccggga tgcgtccacg gcatctgtaa 1200
400 tgagccctgg cagtgcctct gtgagaccaa ctggggcggc cagctctgtg acaaagatct 1260
402 caattactgt gggactcacc agccgtgtct caacggggga acttgtagca acacaggccc 1320
404 tgacaaatat cagtgttctt gccctgaggg gtattcagga cccaactgtg aaattgctga 1380
406 gcacgcctgc ctctctgata cctgtcaca cagaggcagc tgtaaggaga cctccctggg 1440
408 ctttgagtgt gagtgttccc caggctggac cggccccaca tgctctacaa acattgatga 1500
410 ctgttctcct aataactgtt cccacggggg cacctgccag gacctggtta acggatttaa 1560
412 gtgtgtgtgc cccccacagt ggactgggaa aacgtgccag ttagatgcaa atgaatgtga 1620
414 ggccaaacct tgtgtaaacg ccaaactctg taagaatctc attgccagct actactgcga 1680
416 ctgtcttccc ggctggatgg gtcagaattg tgacataaat attaatgact gccttggcca 1740
418 gtgtcagaat gacgcctcct gtcgggattt ggttaatggt tatcgctgta tctgtccacc 1800
420 tggctatgca ggcgatcact gtgagagaga catcgatgaa tgtgccagca acccctgttt 1860
422 gaatgggggt cactgtcaga atgaaatcaa cagattccag tgtctgtgtc ccactggttt 1920
424 ctctggaaac ctctgtcagc tggacatcga ttattgtgag cctaatacct gccagaacgg 1980
426 tgcccagtg cacaaccgtg ccagtgacta tttctgcaag tgccccgagg actatgaggg 2040
428 caagaactgc tcacacctga aagaccactg ccgcacgacc ccctgtgaag tgattgacag 2100
430 ctgcacagtg gccatggctt ccaacgacac acctgaaggg gtgcggtata tttcctccaa 2160
432 cgtctgtggt cctcacggga agtgcagag tcagtcggga ggcaaattca cctgtgactg 2220
434 taacaaaggc ttcacgggaa catactgcca tgaaaatatt aatgactgtg agagcaaccc 2280
436 ttgtagaaac ggtggcactt gcacgatggg tgtcaactcc tacaagtgca tctgtagtga 2340
438 cggctgggag ggggcctact gtgaaaccaa tattaatgac tgcagccaga acccctgcca 2400
440 caatgggggc acgtgtcgcg acctgggtcaa tgacttctac tgtgactgta aaaatgggtg 2460
442 gaaaggaaag acctgccact cacgtgacag tcagtgtgat gaggccacgt gcaacaacgg 2520
444 tggcacctgc tatgatgagg gggatgcttt taagtgcag tgctcctggc gctgggaagg 2580
446 aacaacctgt aacatagccc gaaacagtag ctgcctgcc aacctctgcc ataattgggg 2640
448 cacatgtgtg gtcaacggcg agtcctttac gtgcgtctgc aagggaaggc gggaggggcc 2700
450 catctgtgct cagaatacca atgactgcag ccctcatccc tgttacaaca gcggcacctg 2760
452 tgtggatgga gacaactggt accggtgcga atgtgcccc gggtttgtct ggcccactg 2820
454 cagaataaac atcaatgaat gccagtcttc acctgtgtgc tttggagcga cctgtgtgga 2880
456 tgagatcaat ggctaccggt gtgtctgccc tccagggcac agtgggtgcca agtgccagga 2940
458 agtttcaggg agaccttgca tcaccatggg gagtgtgata ccagatgggg ccaaattggg 3000
460 tgatgactgt aataacctgc agtgccgtgaa tggacggatc gcctgtctaa aggtctggtg 3060
462 tggccctcga ccttgccctg tccacaaagg gcacagcgag tgccccagcg ggcagagctg 3120
464 catccccatc ctggacgacc agtgcttctt caccacctgc actggtgtgg gcgagtgtcg 3180

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/310,685

DATE: 06/16/2003
TIME: 14:00:40

Input Set : N:\AMC\310685.txt
Output Set: N:\CRF4\06162003\I310685.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:10; N Pos. 829,830

Seq#:16; N Pos. 559,678,689,1246,1287,1492,1524,1569,1621,1656,1738,1857

Seq#:16; N Pos. 1861,1876,1888,1899,1917,1925,1931,1935,1942,1943,1952,1953

Seq#:16; N Pos. 1954,1968



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/310,685

DATE: 06/16/2003

TIME: 13:57:57

Input Set : N:\AMC\00130818.txt

Output Set: N:\CRF4\06162003\I310685.raw

3 <110> APPLICANT: Lamb, Jonathan R
 4 Dallman, Margaret J
 5 Hoyne, Gerard F
 7 <120> TITLE OF INVENTION: Notch
 9 <130> FILE REFERENCE: 674525-2001
 11 <140> CURRENT APPLICATION NUMBER: 09/310,685
 12 <141> CURRENT FILING DATE: 1999-05-04
 14 <150> PRIOR APPLICATION NUMBER: GB 9623236.8
 15 <151> PRIOR FILING DATE: 1996-11-07
 17 <150> PRIOR APPLICATION NUMBER: GB 9715674.9
 18 <151> PRIOR FILING DATE: 1997-07-24
 20 <150> PRIOR APPLICATION NUMBER: GB 9719350.2
 21 <151> PRIOR FILING DATE: 1997-09-11
 23 <150> PRIOR APPLICATION NUMBER: PCT/GB97/03058
 24 <151> PRIOR FILING DATE: 1997-11-06
 26 <160> NUMBER OF SEQ ID NOS: 32
 28 <170> SOFTWARE: PatentIn version 3.2

ERRORED SEQUENCES

3143 <210> SEQ ID NO: 32
 3144 <211> LENGTH: 4
 3145 <212> TYPE: PRT
 3146 <213> ORGANISM: Homo sapiens
 3148 <400> SEQUENCE: 32
 3150 Arg Lys Arg Pro

3151 1
 E--> 3154 1
 E--> 3157 1

Does Not Comply
 Corrected Diskette Needed

delete

VERIFICATION SUMMARY

DATE: 06/16/2003

PATENT APPLICATION: US/09/310,685

TIME: 13:57:58

Input Set : N:\AMC\00130818.txt

Output Set: N:\CRF4\06162003\I310685.raw

L:1928 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:780

L:2835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:540

M:341 Repeated in SeqNo=16

L:3154 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:32

M:332 Repeated in SeqNo=32